

# HYDROWEED

## MATERIAL SAFETY DATA SHEET

Product Name: HYDROWEED	Chemical, Synonyms and Family: PEAT, SPHAGNUM		Material use: ABSORBENT FOR OIL AND OIL-BASED CHEMICAL SPILLS
Distributor's Name: BEFREETECH.com	Address: 285 West Country Circle Drive Port Orange, Florida [ 32128 ]		
Telephone Number: (386) 243-9181	Emergency Telephone Number (386) 243-9181	U.N. Number None	T.D.G. Classification NOT CLASSIFIED

### I. INGREDIENTS OF PRODUCT

Components	Exposure Limits	% Wt./Wt.
PEAT	ACGIH TLV	>95%
SOIL	NONE ESTABLISHED (REGARDED AS A NUISANCE PARTICULATE) 10mg/m³	<5%

### II. PHYSICAL DATA FOR PRODUCT

Boiling Point °C, 760 mm Hg. SOLID, NOT APPLICABLE	Melting Point °C NOT APPLICABLE	Vapour Pressure (mm Hg) NEGLIGIBLE
Vapour Density (Air = 1) SOLID, NOT APPLICABLE	Solubility in H₂O% by Wt. NOT SOLUBLE, WILL REPEL H₂O	Appearance, Odour BROWN, ODOURLESS POWER MIXTURE
pH APPROXIMATELY 5	Percent Volatile by Wt. NOT APPLICABLE	Evaporation Rate (NOT APPLICABLE = 1)

### III. FIRE AND EXPLOSION DATA FOR PRODUCT

Flash point (Test Method) NOT APPLICABLE		
Auto Ignition Temp. 265-289°C	Lower Flammable Limits in Air % by Volume UNKNOWN	Upper Flammable Limits in Air % by Volume UNKNOWN
Fire Extinguishing Substances <input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER (SPECIFY)  HYDROWEED CAN BE EXTINGUISHED BY ANY FIRE EXTINGUISHING AGENT		
Unusual Fire and Explosion Hazards IN THE EVENT OF A FIRE WHILE HYDROWEED IS BEING USED AS AN ABSORBENT, THE RECOMMENDED FIRE EXTINGUISHING MEDIA FOR THE SPILLED OIL OR OIL-BASED CHEMICAL SHOULD BE USED.		

### IV. REACTIVITY DATA FOR PRODUCT

<b>Incompatibility</b>				
<input type="checkbox"/> WATER	<input checked="" type="checkbox"/> OXIDIZING MATERIAL	<input type="checkbox"/> ACID	<input type="checkbox"/> BASE	<input type="checkbox"/> OTHER
If Other (please specify) NOT APPLICABLE	Materials to Avoid NONE		Hazardous Decomposition Products NOT APPLICABLE	
Stability STABLE	Can Hazardous Polymerization Occur? NO		Storage Precautions STORE IN A DRY PLACE	

### V. HEALTH HAZARD INFORMATION FOR PRODUCT

Effects of Over Exposure (Both Chronic and Acute) (Inhalation, Ingestion, Eyes, Skin)		
INHALATION:	MAY BE SLIGHTLY IRRITATING AT VERY HIGH CONCENTRATIONS	
INGESTION:	NO KNOWN HEALTH HAZARD	
EYES:	DUST PARTICLES MAY CAUSE EYE IRRITATION	
SKIN:	NO KNOWN HEALTH HAZARD	
N.B.: The above information is intended for unused HYDROWEED. Consult with chemical Manufacturer for health hazard information for oil and oil-based chemicals.		

### VI. TOXICITY DATA LD<sub>50</sub> AND LC<sub>50</sub> AND SPECIES FOR PRODUCT OR INGREDIENTS

A STATIC LT<sub>50</sub> TOXICITY TEST WAS PERFORMED BY ENVIRONMENTAL PROTECTION SERVICES, ATLANTIC REGION, ENVIRONMENT CANADA (84.02.22) (FILE 4490-3). THE STATIC LT<sub>50</sub> TOXICITY TEST EXPOSED FISH TO 1,000 AND 5,000 mg/l OF SEAWATER FOR A 96 HOUR PERIOD. ALL FISH SURVIVED WITH NO OBSERVABLE ILL EFFECTS. THEREFORE AN LC<sub>50</sub> TEST WAS NOT REQUIRED

Emergency and First Aid Procedures (Inhalation, Ingestion, Eyes, Skin)

INHALATION: REMOVE TO FRESH AIR IF IRRITATION OCCURS. IMPLEMENT APPROPRIATE CONTROLS TO PREVENT FURTHER EXPOSURE

INGESTION: NORMALLY NOT NECESSARY TO INDUCE VOMITING. CONSULT A PHYSICIAN IF PAIN OR DISCOMFORT OCCURS

EYES: IF DUST ENTERS EYES, FLUSH EYES WITH RUNNING WATER TO REMOVE PARTICLES

SKIN: WASH AFFECTED AREAS WITH SOAP AND RUNNING WATER TO REMOVE PARTICLES

N.B: This information is intended for unused HYDROWEED. Consult with manufacturer of spilled oil or oil-based chemical absorbed onto HYDROWEED for emergency and first aid information

### VII. SPILL OR LEAK PROCEDURES

Steps to be Taken Upon Release or Spillage (including Neutralizing Chemicals)  
SHOVEL OR SWEEP UP UNUSED HYDROWEED

#### Waste Disposal Methods

UNUSED HYDROWEED IS NOT A HAZARDOUS WASTE  
CONSULT QUALIFIED PERSONNEL FOR DISPOSAL TREATMENT OF HYDROCARBON SATURATED HYDROWEED.  
SINCE DISPOSAL OF HAZARDOUS WASTE IS CONTROLLED BY MUNICIPAL, PROVINCIAL, STATE AND FEDERAL LAWS, CONTACT THESE AUTHORITIES FOR GUIDANCE.

### VIII. SPECIAL PROTECTION INFORMATION FOR PRODUCT

Ventilation, Requirements, (Local or General - Specify)  
LOCAL, GENERAL, AND/OR NATURAL VENTILATION MUST KEEP DUST CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMIT FOR NUISANCE DUSTS

#### Respiratory Protection (Specify)

NIOSH APPROVED DUST RESPIRATOR SHOULD BE USED IF CONCENTRATIONS EXCEED THE RECOMMENDED EXPOSURE LIMITS OR IF ANY RESPIRATORY IRRITATION OCCURS

#### Eye Protection

SAFETY GLASSES WITH SIDE SHIELDS

#### Protective Gloves, Clothing

PROTECTIVE GLOVES OR CLOTHING ARE NOT REQUIRED FOR HYDROWEED BUT MAY BE NECESSARY TO HANDLE ABSORBED MATERIAL

Other Protection, Special Precautions, Comment  
NOT APPLICABLE

References Used to Complete M.S.D.S.  
ALBERTA OCCUPATIONAL HEALTH AND SAFETY ACT CHEMICAL HAZARD REGULATIONS;  
ACGIH DOCUMENTATION OF TLVs.;  
DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION, N.IRVING SAX

Approved by: *Kurt Annheim* Approved by:

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